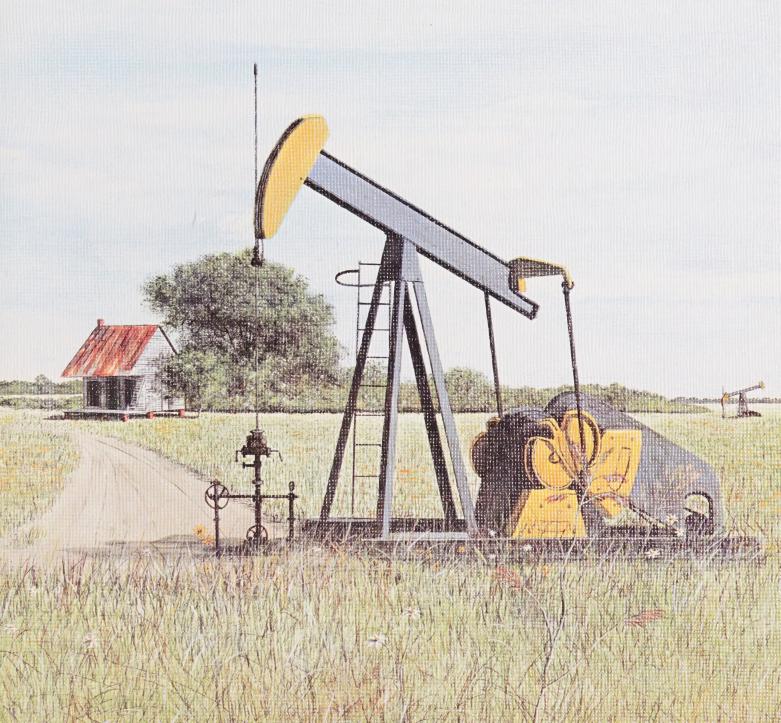
# GENERAL CRUDE © OIL COMPANY

ANNUAL REPORT FOR 1973



Digitized by the Internet Archive in 2023 with funding from University of Alberta Library



# GENERAL CRUDE OIL COMPANY ANNUAL REPORT 1973

General Crude Oil Company is an independent producer in the petroleum industry. Most of its production comes from fields in Texas, Louisiana, California and offshore in the Gulf of Mexico. Exploration for crude oil, natural gas and other minerals is currently being conducted in the United States, Canada and other parts of the world. The Company is also engaged in agricultural operations on certain of its properties near Houston.

The present organization grew out of a partnership which was created in 1921. The Company was incorporated later and its present name was adopted in 1933. GCO is headquartered in Houston and employs 367 persons.

# What's Inside

|            | e oil prices will provide funds for<br>ne Company's search for new sup-<br>rgy.                       |
|------------|---|
| *          | — See page three —  |
|            | cipated in 32 wildcat wells and 17.7 million for exploration in                                       |
|            | See page five   |
| gas amount | om liquid hydrocarbons and natural<br>ed to \$48.4 million in 1973, an<br>at of 17 percent over 1972. |
|            | — See page eleven —   |
|            | activities were increased during result of the acquisition of another                                 |
|            | — See page fifteen —  |
|            | yees have been added as the result<br>d activities in exploration, produc-<br>riculture.              |
|            | -See page seventeen -   |
|            | ne, net earnings and capital outlays ord levels in 1973.  |
|            | — See page nineteen —   |



# Highlights

|                                    | 1973   | 1972   | Change |
|------------------------------------|--------|--------|--------|
| GROSS INCOME                       |        |        |        |
| Millions                           | \$54.2 | \$42.9 | +26%   |
| NET EARNINGS                       |        |        |        |
| Millions                           | \$17.0 | \$14.2 | +20%   |
| Per share                          | \$1.75 | \$1.46 | +20%   |
| Per dollar of gross income         | \$ .31 | \$ .33 | -6%    |
| Per dollar of shareowners' equity  | \$ .21 | \$ .21 | _      |
|                                    |        |        |        |
| CAPITAL EXPENDITURES — millions    | \$40.0 | \$20.4 | +96%   |
|                                    |        |        |        |
| LIQUID HYDROCARBON PRODUCTION      |        |        |        |
| Total net barrels — thousands      | 10,544 | 10,587 | _      |
| Net barrels per day                | 28,900 | 28,900 | _      |
|                                    |        |        |        |
| NATURAL GAS PRODUCTION             |        |        |        |
| Total net cubic feet — millions    | 27,000 | 26,400 | +2%    |
| Net cubic feet per day — thousands | 74,100 | 72,200 | +2%    |



# To Shareowners and Employees

Most of the 1973 financial results which are highlighted on the opposite page are new records for General Crude Oil Company. A large part of the improvement is attributable to higher prices for liquid hydrocarbons and natural gas. These price increases were long overdue for the domestic producing industry and were underway before the outbreak of war in the Middle East. However, curtailment of producing rates by the Arab nations, embargoes on shipments to the United States, and price increases by members of OPEC and other producing countries have exerted additional upward pressure on domestic price levels. As a result, prices for domestic supplies have risen to the extent permitted by governmental controls.

It is now clear to most officials in government and members of the public that the crude oil shortage is global in nature, and the continuing viability of our national economy will require further sacrifices by all of us. Once the energy shortage became apparent, many persons began to question how it came about and why the government and the public were not warned that such a condition was forthcoming. In truth, there have been frequent warnings over a long period of time, but these were dismissed without much serious consideration. The gravity of the problem was told as early as 1952 when the findings of the Paley Commission were revealed. This commission was appointed by the President to study the long-range outlook for supply and demand of energy, and its findings at that time were an accurate prediction of the conditions we are experiencing today.

It is not my intention, however, to dwell on the past, but rather to focus on ways to work ourselves out of this dilemma. Development of alternative energy sources should, of course, be pursued vigorously by both government and industry, and domestic exploration efforts should be intensified. It is in the latter area that General Crude Oil Company is best equipped to help solve this problem. It is our intention to expand our capa-

bilities in order that we might reinvest substantially all of the proceeds from higher sales prices in the search for and development of crude oil and natural gas supplies. This, naturally, will take time, but we are making progress toward this goal and I am confident that it can be successfully achieved.

The beneficial effect of higher crude oil and natural gas prices is already being reflected by greater domestic exploration activity. It is certain that a continuation of this trend will result in a substantial improvement of our nation's energy supplies. It is also certain that the cost of finding and developing domestic reserves will be high in comparison with certain areas of the world, but the cost should be reasonable when compared with the alternative price we would pay for increased dependence on foreign sources.

The failure to recognize that domestic supplies which we are consuming today are being replaced at substantially higher costs has led to much misunderstanding of profits reported by the producing segment of our industry. If the American economy is to prosper, it must be realized that crude oil and natural gas should be priced at a level that will encourage producers to continue replacing and adding to their reserves. I am confident that this fact is now understood by a majority of the people, and we are finally on the road to solving the energy crisis in the United States.

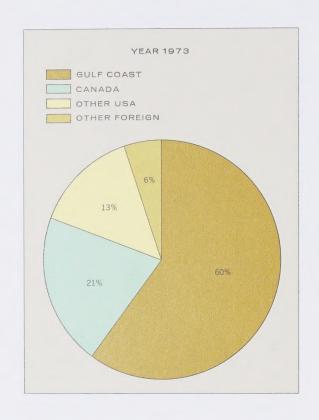
On the following pages of this report, you will find a detailed review of our operations during 1973. If you will take time to read this material, you should have a good understanding of the Company's accomplishments during the past year and its objectives for the future. You are encouraged to write if you have questions or, better still, visit us the next time you are in Houston.

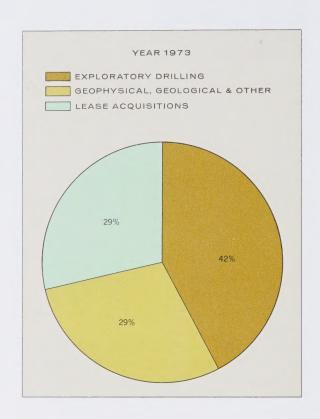
K. E. Montague President

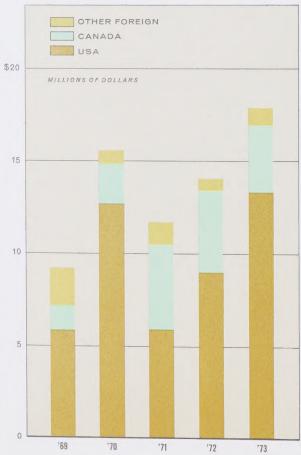
X.E. Montagu

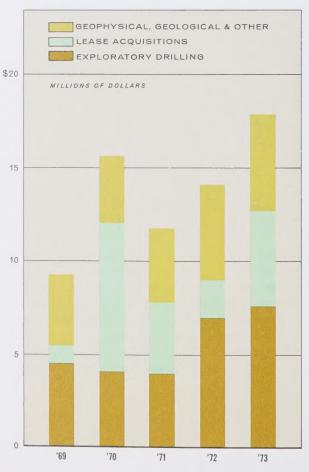
February 11, 1974

# **EXPLORATION EXPENDITURES**









# Exploration

General Crude Oil Company expended \$17.7 million for exploration in 1973. This was an increase of 27 percent over the previous year and was the highest level in the Company's history. Another substantial increase has been budgeted for this year.

During the past year General Crude participated in drilling 32 exploratory wells, resulting in four gas wells, an oil well and 27 dry holes. The cost of drilling these tests amounted to \$7.5 million. In addition, GCO supported the drilling of 38 wildcats by contributing acreage or money to other operators for drilling on or near its properties.

Capital outlays for undeveloped properties and geophysical evaluations amounted to \$6.3 million in 1973, compared with \$3.5 million in the preceding year. Most of the newly acquired properties are in the Gulf Coast region of the United States and in western Alberta.

Geological expenses, lease rentals and other exploration costs totaled \$4.0 million for the year. This was a small net increase over 1972 as the cost of additions to the Company's technical staff were offset in a large part by reduced exploration expenditures for other minerals.

The Company continues to seek highly-qualified exploration personnel to bolster its capacity for creating exploration opportunities to match the funds which are being generated from operations. Progress has been made in this area, as evidenced by the fact that 18 regional geological surveys were undertaken during 1973 and the inventory of drillable prospects has been increased. It is expected, however, that additional growth in the capacity to create prospects will be required in the immediate future.

## **GULF COAST REGION**

Exploration expenditures in the Gulf Coast region amounted to \$10.7 million, or approximately 60 percent of the Company's 1973 exploration budget. This resulted in the drilling of 19 exploratory wells and the acquisition of 116,200 net acres of undeveloped leases. In addition, 18 wells were supported by acreage or cash contributions.

Offshore Texas - General Crude Oil Com-

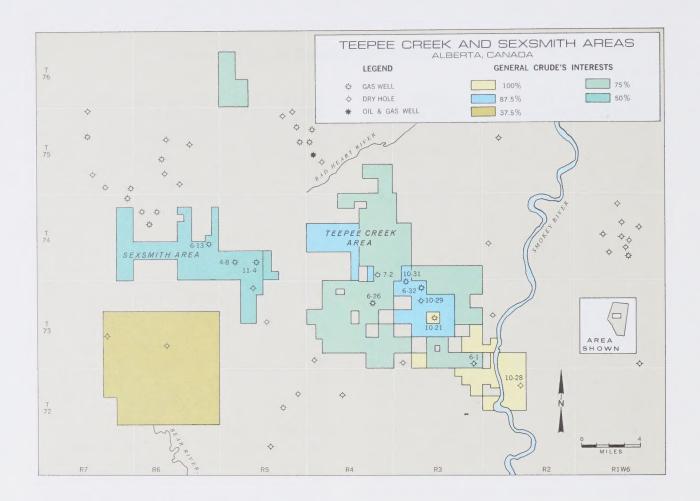
pany is a member of three exploration groups which are working in state waters offshore Texas. In the October sale, leases were acquired on 46 tracts with an aggregate area of 44,600 acres. The Company owns a one-half interest in these properties, or 22,300 net acres, and plans to drill a series of wildcat wells on prospects which were developed during the past year. GCO's total holdings offshore Texas now amount to 28,400 net acres. Of the total exploratory dry holes drilled by GCO during 1973, four were attempts to find productive Miocene sands similar to those in Block 445-L field in the Brazos area. The Company participated in the discovery of this gas field in 1972.

Onshore Texas — On inland locations along the Gulf Coast, drilling operations were completed on 15 exploratory wells during 1973. Most of these were on the upper Gulf Coast, near the Esperson Dome, Southeast Hastings and Martin Ranch fields. All of these attempts were unsuccessful; however, the Martin #4, which was completed early this year, has discovered several new productive sands which were not present in the Martin #1. These wells are located on property acquired in the Houston Farms merger in 1968, and additional drilling is planned for this area in 1974.

On the lower Gulf Coast of Texas, General Crude Oil Company has developed a series of Wilcox prospects from regional geology, photogeology and gravimetric work. To date, approximately 32,000 net acres have been acquired on these prospects. A wildcat drilling program was commenced during the fourth quarter of 1973 and is expected to continue throughout 1974.

In another area of the coastal region, GCO has developed a series of Edwards and Sligo prospects which are scheduled for testing in 1974. One of these is a 16,000-foot wildcat currently in progress in Karnes County.

Smackover Trend — GCO continues to actively explore for the Smackover in Mississippi, northern Louisiana, southern Arkansas and East Texas. During the past year the Company drilled or supported five wells in the trend and acquired leases on a number of prospects developed from



|               | Gross | Wells | Net Wells |      |  |
|---------------|-------|-------|-----------|------|--|
|               | 1973  | 1972  | 1973      | 1972 |  |
| EXPLORATORY   |       |       |           |      |  |
| Productive    | 5     | 9     | 3.9       | 5.0  |  |
| Dry           | _27   | 19    | 19.7      | 6.3  |  |
|               | 32    | 28    | 23.6      | 11.3 |  |
| DEVELOPMENT   |       |       |           |      |  |
| Productive    | 70    | 95    | 20.9      | 35.0 |  |
| Dry           | _13   | 12    | 4.2       | 7.0  |  |
|               | 83    | 107   | 25.1      | 42.0 |  |
| Тотац         | 115   | 135   | 48.7      | 53.3 |  |
| FOOTAGE — ths | 961   | 1.028 | 368       | 304  |  |

# Productive Exploratory Wells Completed in 1973

Teepee Creek 7-2 in Alberta was completed as a gas well in the Lower Cretaceous formation at a depth of approximately 4,800 feet.

Sexsmith 11-4 in Alberta discovered gas and distillate in the Permian formation at a depth of 6,700 feet.

Sexsmith 6-13 was completed as a gas distillate well in the Lower Cretaceous formation at 5,400 feet.

Layne #1 in Atoka County, Oklahoma was completed as a gas well in the Mississippian formation at a depth of approximately 6,000 feet.

Lewis #1 is an oil well east of the Boomerang field in Kent County, Texas. It produces from the Pennsylvanian formation at a depth of about 6,600 feet.

computer mapping techniques. These prospects are now being evaluated seismically. General Crude has also joined an exploration group which is evaluating a large block of 430,000 acres in the Black Warrior Basin in northeastern Mississippi.

#### OTHER AREAS OF USA

Rocky Mountains — General Crude Oil Company supported the drilling of ten wildcats in the Rocky Mountain area by farmouts and dry hole contributions. These tests consisted of nine wells in Wyoming and one in eastern Utah. GCO's acreage position was also improved during the past year by the acquisition of 136,000 acres, bringing the year-end lease inventory in this area up to 367,000 acres.

West Texas — Near the Salt Creek field in Kent County, the Company conducted an experimental seismic program aimed at locating additional Canyon Reef and Strawn Lime prospects. Because of the encouraging results of this work, additional leases have been acquired and several wildcats are planned for this year. One of the discovery wells drilled in 1973 is a small oil producer east of the Boomerang field in Kent County.

Mid-Continent — The Company is currently evaluating the potential of a small 1973 gas discovery in Atoka County, Oklahoma and is cooperating with owners of contiguous land in order to evaluate the profitability of tight gas bearing formations in the area. Also, regional geologic studies were initiated in 1973 in southern Oklahoma, and additional investments will be made in this area during 1974.

#### FOREIGN

Canada — In the Peace River Arch area of West Central Alberta, General Crude completed two new gas discoveries on the Sexsmith prospect and one new gas discovery on the Teepee Creek prospect. Moreover, proved reserves were increased by the drilling of a productive development well in each of the areas. The wildcat discoveries at Sexsmith will be followed by additional drilling this year.

Exploration along the Peace River Arch will be accelerated in 1974. GCO will also continue to evaluate the deep Devonian reefs in West Central Alberta and will pursue the evaluation of its properties along the foothills in eastern British Columbia and western Alberta.

New Guinea — In the Territory of New Guinea, GCO has abandoned the Bongos # 1 as a dry hole at 4,712 feet. The drilling rig was subsequently moved 110 miles east where the Keram # 1 was recently completed as a dry hole at 6,546 feet. Both wells are located in the Sepik River Basin, which is one of the last large untested tertiary basins in the Far East. The encounter of marine sediments in the Keram well has encouraged the Company and its partners to consider conducting additional exploratory activity on their 12.8 million acres.

North Sea — General Crude has enlarged the scope of its operations in western Europe and has opened an office in London to oversee this activity. During the past year seismic evaluation work was completed on Block P-4 in the Dutch waters, and a decision will be made this year on the drilling of a joint exploratory well. In the German sector, an exploration group of which General Crude is a member, has taken a farmin and will drill a rank wildcat to 11,000 feet to test the Jurassic formation. In the British North Sea, the Company is participating in two exploration groups which are gathering geophysical information in preparation for anticipated lease offerings in 1974. GCO is also a participant in a group which recently completed a reconnaissance seismic survey of unleased blocks in the Celtic Sea.

# **MINERALS**

General Crude Oil Company expended \$393,000, or about two percent of its 1973 exploration budget, in the search for other minerals. Activity included joint-venture projects in the United States, Canada and Australia, with the major emphasis on the search for base metals. In Western Australia, a feasibility study will be undertaken for the development of ilmenite reserves which were discovered in 1971. Cost of the study will be borne by another company in consideration for an interest in the reserves.

Plans for 1974 provide for the continuation of current programs and the development of new programs in the United States and eastern Canada.



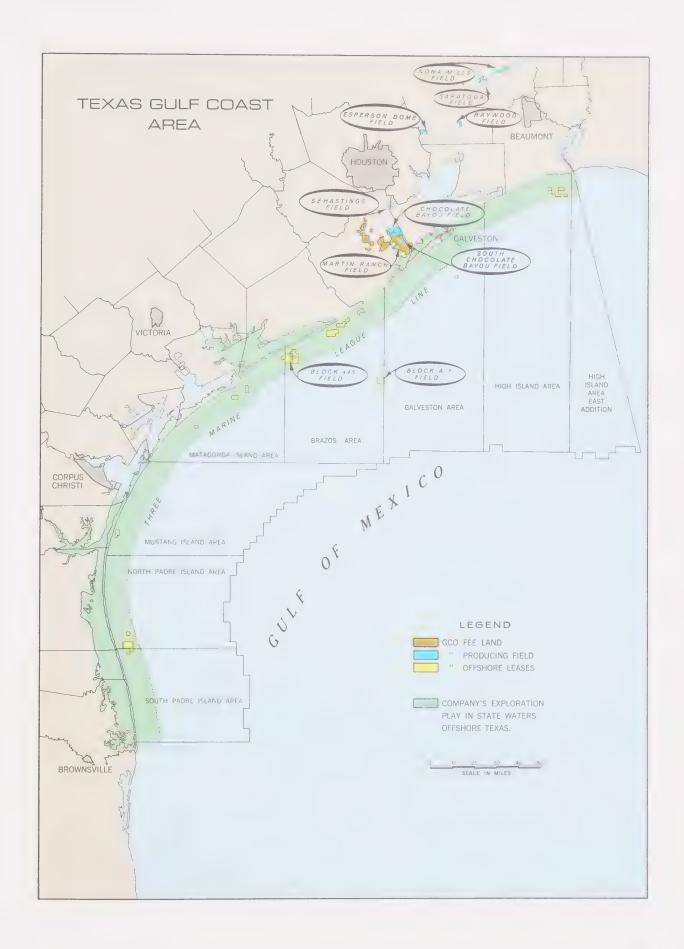
# GENERAL CRUDE OIL COMPANY

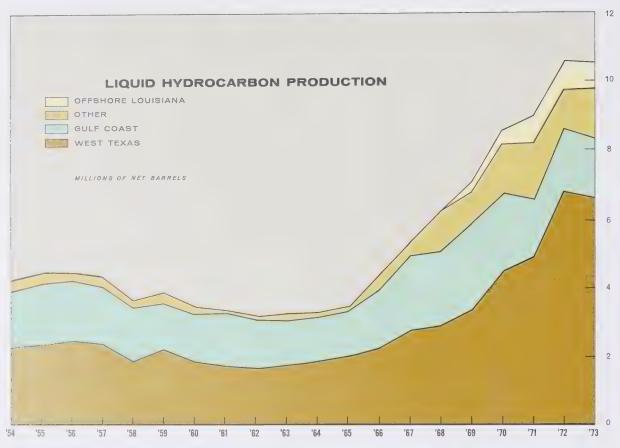
# Net Undeveloped Acreage

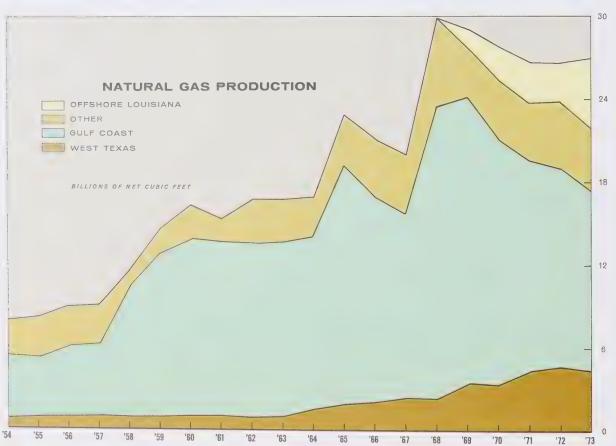
|                  | 1973      | 1972      | 1971      | 1970      | 1969      |
|------------------|-----------|-----------|-----------|-----------|-----------|
| UNITED STATES    |           |           |           |           |           |
| Alabama          | 8,500     | 10,500    | 7,800     | _         | _         |
| Arkansas         | 50,700    | 44,900    | 44,200    | 11,400    | 11,400    |
| California       | _         |           | _         | 6,000     | 11,100    |
| Colorado         | 42,900    | 39,600    | 33,000    | 25,700    | 14,600    |
| Louisiana        | 66,600    | 53,500    | 36,400    | 32,300    | 27,600    |
| Mississippi      | 122,100   | 69,100    | 76,000    | 11,600    | 5,200     |
| Montana          | 55,900    | 14,000    | 40,100    | 52,300    | 80,000    |
| North Dakota     | 36,300    | 36,300    | 52,700    | 107,400   | 41,800    |
| Oklahoma         | 20,000    | 24,600    | 11,700    | 11,700    | 13,300    |
| Oregon           | 25,200    | 25,200    | 25,200    | 25,200    | 25,200    |
| Pennsylvania     | 39,800    | 40,000    | 38,900    | 38,400    | 38,400    |
| South Dakota     | 10,500    | 10,500    | 10,200    | 10,200    | 10,200    |
| Texas            | 222,800   | 164,400   | 159,900   | 124,400   | 163,900   |
| Utah             | 144,500   | 54,800    | 49,300    | 45,600    | 26,500    |
| Wyoming          | 77,200    | 79,300    | 90,900    | 95,900    | 55,000    |
| Other            | 9,300     | 10,900    | 14,000    | 13,200    | 30,000    |
| TOTAL            | 932,300   | 677,600   | 690,300   | 611,300   | 554,200   |
| Canada           |           |           |           |           |           |
| Alberta          | 402,000   | 324,300   | 414,400   | 150,400   | 187,600   |
| Bay of Fundy     |           | _         | 234,800   | 234,800   | 234,800   |
| British Columbia | 380,000   | 435,900   | 425,200   | 2,300     | 2,600     |
| N.W. Territories | 1,008,100 | 1,044,100 | 1,046,100 | 1,178,900 | 1,268,200 |
| Quebec           | *******   | 48,200    | 48,200    | 48,200    | 48,200    |
| Saskatchewan     | 55,000    | 110,000   | 182,100   | 34,800    | 121,100   |
| Yukon Territory  | 82,700    | 217,200   | 244,300   | 244,300   | 82,700    |
| TOTAL            | 1,927,800 | 2,179,700 | 2,595,100 | 1,893,700 | 1,945,200 |
| Australia (1)    | 704,000   | 704,000   | 704,000   | 704,000   | 704,000   |
| Barbados (2)     | 106,100   | 106,100   | 106,100   | 106,100   | 106,100   |
| Netherlands      | 7,900     | _         | _         | _         | _         |
| New Guinea       | 1,531,900 | 1,675,500 | 1,675,500 | _         | _         |
| Nicaragua        |           | 247,000   | 247,000   | 247,000   |           |
| St. Vincent      | 554,900   | 554,900   |           | _         | _         |
| TOTAL            | 2,904,800 | 3,287,500 | 2,732,600 | 1,057,100 | 810,100   |
| GRAND TOTAL      | 5,764,900 | 6,144,800 | 6,018,000 | 3,562,100 | 3,309,500 |

<sup>(1)</sup> Additional work is required to earn rights to this acreage.

<sup>(2)</sup> Excludes an indeterminate amount of acreage offshore.







# Production

During 1973 General Crude Oil Company produced 10.5 million net barrels of liquid hydrocarbons and 27 billion net cubic feet of natural gas. The aggregate market value of these products amounted to \$48.4 million.

The gross volume of hydrocarbon liquids produced from Company-operated properties amounted to 57,900 barrels per day and the Company's share of this volume, together with its interest in properties operated by others, averaged 28,900 net barrels per day. This was essentially the same net volume as produced in the preceding year; however, the small difference included major changes which were offsetting in nature. Higher market demand factors in Texas, increased production from new properties, and the retirement of a production payment in the West Newport field were positive forces which were counterbalanced by the unfavorable effects of a temporary curtailment in production rates in two of the Company's large fields in West Texas and natural declines in some of GCO's older fields.

The Company's net production of natural gas averaged 74.1 million cubic feet per day, or an improvement of approximately two percent over 1972. The principal reason for the increase is attributable to the development of properties in the Eugene Island and West Cameron areas offshore Louisiana, and the commencement of sales from the Martin Ranch field in Brazoria County, Texas. These improvements were offset in a large part by declining productivity of older properties, primarily the Nona Mills and Ship Shoal fields.

#### **PRICES**

The average market value of liquid hydrocarbons amounted to \$3.93 a barrel in 1973, compared with \$3.42 in 1972. The average for the month of December was \$4.89. Most crude oil and distillate prices are now regulated by the Federal Energy Office. At present there are no ceiling prices for "new and released" oil and production from "stripper" wells; however, Congress is considering legislative action which would change this.

General Crude Oil Company had a relatively small amount of unregulated oil in 1973; however, production rates were stepped up in two of the Company's major fields in West Texas on January 1, 1974. Under present regulations, this will result in a significant amount of "new and released" oil in the first quarter. This benefit will not continue for the remainder of the year because the amount of "new and released" oil is determined by measuring current monthly production volume against production in the comparable month in 1972. During the first quarter of that year, the market demand factor in Texas averaged 76.4 percent; however, the demand factor has been 100 percent since April 1, 1972 and is expected to remain at that level indefinitely.

The average market value of natural gas was 22.4 cents per thousand cubic feet in 1973, compared with 18.5 cents in the preceding year. This improvement was largely attributable to the development of new production in the Eugene Island and West Cameron areas offshore Louisiana and on the Martin Ranch property on Chocolate Bayou. The newly developed offshore gas is being sold under a long-term interstate contract at a current price of 32 cents per thousand cubic feet, and the Martin Ranch gas is being sold on a short-term basis for a price of \$1 per thousand cubic feet. Prices for interstate sales of natural gas continue to be regulated by the Federal Power Commission and are artificially low.

Sales were commenced recently from two additional gas properties: the Block A-1 field in federal waters offshore Texas for 32 cents per thousand cubic feet, and the Block 445-L field in state waters offshore Texas for 52 cents per thousand cubic feet. Both fields are in the Brazos area.

# **DEVELOPMENT ACTIVITY**

Development expenditures totaled \$10.2 million in 1973, or an increase of about 13 percent over 1972. Approximately two-thirds of this amount was expended for the development of properties located in the Gulf Coast region, in-



|              |                    |              |            |                             | Liquid | Hydroci           | arbons              |                  | atural G | as                  |
|--------------|--------------------|--------------|------------|-----------------------------|--------|-------------------|---------------------|------------------|----------|---------------------|
|              |                    | N            | et Sales R |                             | Avg.   |                   |                     | Avg.             |          |                     |
| Map<br>Symho | l Field            | Thou<br>1973 |            | Improvement<br>(Impairment) |        | Barrels<br>(Ths.) | Percent<br>of Total | Price Per<br>MCF | MMCF     | Percent<br>of Total |
| 1            | Salt Creek         | \$12,871     | \$12,128   | \$ 743                      | \$4.04 | 3,184             | 30.2%               | _                | *****    |                     |
| 2            | Claytonville       | 8,387        | 6,769      | 1,618                       | 4.04   | 1,891             | 17.9                | 19.0¢            | 1,787    | 6.6%                |
| 3            | Esperson Dome      | 4,310        | 4,122      | 188                         | 4.21   | 989               | 9.4                 | 17.0             | 753      | 2.8                 |
| 4            | SACROC             | 2,939        | 2,114      | 825                         | 4.39   | 638               | 6.1                 | 22.5             | 508      | 1.9                 |
| 5            | Ship Shoal Area    | 2,651        | 3,082      | (431)                       | 3.83   | 565               | 5.4                 | 25.1             | 1,866    | 6.9                 |
| 6            | Round Top          | 1,799        | 1,737      | 62                          | 4.13   | 383               | 3.6                 | 18.0             | 1,062    | 3.9                 |
| *            | West Newport       | 1,614        | 621        | 993                         | 2.83   | 570               | 5.4                 | _                |          |                     |
| *            | Hilight            | 1,110        | 825        | 285                         | 4.52   | 207               | 2.0                 | 21.2             | 984      | 3.7                 |
| 7            | East Texas         | 914          | 811        | 103                         | 3.99   | 222               | 2.1                 | 14.2             | 73       | .3                  |
| 8            | Eugene Island Area | 908          |            | 908                         | 4.23   | 34                | .3                  | 32.0             | 2,272    | 8.4                 |
| 9            | Saratoga           | 653          | 552        | 101                         | 3.86   | 169               | 1.6                 |                  |          | -                   |
| 10           | Nona Mills         | 640          | 873        | (233)                       | 4.10   | 56                | .5                  | 16.7             | 1,978    | 7.3                 |
| 11           | Loma Blanca        | 605          | 657        | (52)                        | 4.11   | 38                | .4                  | 15.0             | 2,381    | 8.8                 |
| 12           | Raywood            | 546          | 519        | 27                          | 4.19   | 39                | .4                  | 15.5             | 2,424    | 9.0                 |
| 13           | Rayne              | 518          | 439        | 79                          | 3.90   | 47                | .4                  | 22.4             | 744      | 2.8                 |
| 14           | Martin Ranch       | 406          | _          | 406                         | 5.63   | 8                 | .1                  | 50.9             | 715      | 2.6                 |
| 15           | S. E. Hastings     | 377          | -          | 377                         | 4.71   | 74                | .7                  | 47.4             | 63       | .2                  |
| 16           | West Cameron Area  | 370          | _          | 370                         | 4.79   | 12                | .1                  | 32.0             | 983      | 3.6                 |
| 17           | Clairemont         | 362          | 296        | 66                          | 4.16   | 85                | .8                  | 20.0             | 22       | .1                  |
| 18           | Chocolate Bayou    | 348          | 435        | (87)                        | 4.13   | 19                | .2                  | 21.5             | 1,251    | 4.6                 |
| 30           | All Other          | 4,229        | 3,736      | 493                         | 3.83   | 698               | 6.6                 | 25.7             | 6,249    | 23.1                |
|              | Subtotal           | 46,557       | 39,716     | 6,841                       | 4.01   | 9,928             | 94.2                | 23.0             | 26,115   | 96.6                |
| **           | Gas Plants         | 1,800        | 1,512      | 288                         | 2.58   | 616               | 5.8                 | 18.4             | 931      | 3.4                 |
|              | Total              | \$48,357     | \$41,228   | \$ 7,129                    | \$3.93 | 10,544            | 100.0%              | 22.4¢            | 27,046   | 100.0%              |

<sup>\*</sup> Not shown on map





LEGEND: 

field

11 /

# ANALYSIS OF CHANGES IN SALES REVENUE

5

1973 vs 1972

|  | Increase or (Decrease) |                |             |
|--|------------------------|----------------|-------------|
|  | Liquid<br>Hydrocarbons | Natural<br>Gas | Total       |
| Increased revenue from higher prices and improved sales mix                | \$5,113,000            | \$ 435,000     | \$5,548,000 |
| Lower revenue resulting from a net reduction in production from old fields | (501,000)              | (88,000)       | (589,000)   |
| Increased revenue resulting from the development of new fields.            |                        |                |             |
| Eugene Island, Block 296   | 145,000                | 763,000        | 908,000     |
| Martin Ranch   | 42,000                 | 364,000        | 406,000     |
| Southeast Hastings   | 347,000                | 30,000         | 377,000     |
| West Cameron, Block 171  | 56,000                 | 315,000        | 371,000     |
| Brazos, Block A-1  | 45,000                 | 63,000         | 108,000     |
| Total new production   | 635,000                | 1,535,000      | 2,170,000   |
| Total net change in revenue  | \$5,247,000            | \$1,882,000    | \$7,129,000 |

cluding both offshore and onshore locations. Development expenditures consist of capital and expense items for drilling and equipping wells, and the cost of constructing pipelines, natural gas plants and various other producing and processing facilities. Included in 1973 operations were the costs of 83 development wells in which the Company's interest amounted to 25 net wells.

#### WEST TEXAS

Salt Creek — The Salt Creek field continued to be the leading producer of revenue for General Crude Oil Company during 1973. The Company's share of revenues from this field amounted to \$12.9 million, which is an increase of seven percent over 1972. Volume was actually down about seven percent because of a voluntary reduction in producing rate last April. This cutback was a precautionary measure to allow the Company and other owners to review reservoir performance following a rapid buildup of producing rate in 1971 and 1972. The field has produced in excess of 110 million barrels since its discovery in 1950, and approximately 40 percent of this production occurred during the last four years. The engineering and geological studies indicate that no reservoir damage resulted from the high level of production; therefore, the production was restored to the allowable rate of 37,800 barrels per day on January 1, 1974. During the period of curtailment, from April 1 to December 31, 1973, the average daily rate of production was 31,800 barrels.

Sales of LPG products from the Salt Creek gas plant were commenced in October 1973. Deliveries are expected to average approximately 2,000 barrels per day and General Crude's share of the proceeds should amount to about \$1.5 million per year.

Claytonville — The Company's share of production from the Claytonville field during 1973 amounted to 1.9 million barrels of crude oil and 1.8 billion cubic feet of natural gas. These volumes were marketed for \$8.4 million, making the field the second largest producer of revenues for GCO.

Production from Claytonville was cut back for the same reason and at the same time as Salt Creek. The field allowable is 16,000 barrels per day and the actual rate of production was restored to that level on January 1, 1974. During the period of curtailment the daily average producing rate was about 13,000 barrels. SACROC — Because of water injection and a carbon dioxide miscible displacement process, production from this large unitized field has been increased from approximately 180,000 barrels per day to 210,000 barrels daily. General Crude Oil Company owns only about one percent of the working interest in the unit; however, its share of the revenue during 1973 amounted to \$2.9 million.

Round Top—Although production from the Round Top field declined in 1973, the production rate has leveled off at approximately 3,500 barrels a day as the result of a pressure maintenance program commenced in 1971. The Company's 34 percent working interest yielded \$1.8 million in revenue during the past year.

# **ESPERSON DOME**

The Company's net crude oil production from the Esperson Dome field decreased about seven percent from 1972; however, total revenues of \$4.3 million were up about five percent. This field contains over 300 wells which produce from numerous reservoirs. Several gas and water injection projects have been successfully implemented and the use of these secondary recovery techniques are being expanded to additional reservoirs. Also, during 1973 a pilot polymer injection program was initiated in one reservoir, and other types of secondary recovery projects are being considered for 1974.

# OFFSHORE LOUISIANA

Liquid hydrocarbon production volume declined about 17 percent in the Ship Shoal area and aggregate sales proceeds declined from \$3.1 million in 1972 to \$2.7 million in 1973. During the last half of the year, a pressure maintenance program became operational in several major productive zones in Block 207. This was undertaken in order to reduce the rate of production decline and increase the recovery of oil.

Development was continued throughout the year on properties in the Eugene Island and West Cameron areas, which were acquired in the December 1970 federal lease sale. Development of the West Cameron property is now essentially completed, but work will continue in the Eugene Island area in 1974. Natural gas production from properties in these areas was up to 300 million cubic feet per day at year end, and GCO's share

of sales revenue in 1973 amounted to \$1,300,000.

#### WEST NEWPORT

The payout of a production payment in February 1973 has resulted in a material increase in GCO's production from the West Newport field in Orange County, California. The Company's net production was equal to almost 1,600 barrels per day, compared with approximately 700 barrels daily in 1972. Gross production for the year was the highest in the history of the field, averaging 3,637 barrels per day. This amounted to an improvement of approximately ten percent over 1972.

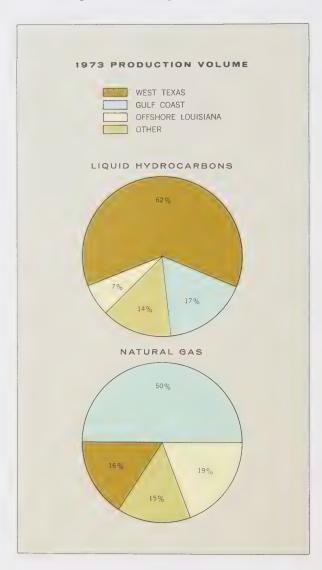
This field produces low-gravity crude oil by insitu combustion and other secondary recovery techniques. At the time GCO purchased its interest in the field in 1967, the heavy oil sold for only \$1.95 a barrel; however, subsequent price increases have raised the average market value to \$4.21 a barrel. The higher price level will encourage the expansion of this operation in order to increase recovery of additional volume from the large reserves of oil in place. The Company's sales revenue from this property in 1973 amounted to \$1.6 million.

Thermal recovery operations are also being expanded in the Saratoga field on the Texas Gulf Coast, where three additional air injection wells have been ignited and compressors are on order to double the air injection capacity in 1974.

# OTHER FIELDS

Production from the East Texas field averaged 600 barrels a day and was virtually the same as 1972. Price increases, however, raised the sales revenue about 13 percent. Most of the Company's properties are favorably located near the eastern boundary of the field and should be among the last to be depleted.

Production from the Hilight field in northeastern Wyoming was up slightly from the preceding year, reflecting the favorable response to the initiation of pressure maintenance operations. Development operations are continuing in the Southeast Hastings field in Galveston County, Texas, which was discovered in 1972. By year-end 1973, three well bores with multiple pay zones had been completed and a fourth was in process of being completed as a dual-zone producer. Gross production from these wells should amount to about 1,000 barrels of liquids per day and five to six million cubic feet of natural gas per day. GCO owns a 50 percent working interest.

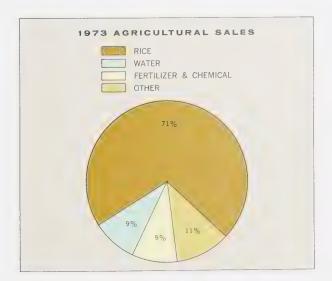


# Agriculture

In March 1973 General Crude Oil Company acquired all of the outstanding shares of the South Texas Water Company and certain other assets owned by the shareowners individually or in partnership. The principal asset was 16,000 acres of land in the vicinity of GCO's properties on Chocolate Bayou in Brazoria County, Texas. The purchase brought the Company's holdings in Brazoria County up to 54,200 acres. Other assets included water rights and related canal systems, rice allotments, a rice dryer and certain agricultural equipment.

General Crude became active in agriculture as a result of the merger with Houston Farms Development Company in 1968. This merger was undertaken by GCO primarily because of the exploration potential of the Houston Farm's property, which includes 44,500 mineral acres and 36,500 surface acres. The property is situated on the upper Gulf Coast of Texas where prospects are good for locating major gas reserves through the utilization of modern geophysical techniques and deep drilling. The Martin Ranch wells are examples of the gas potential in this area.

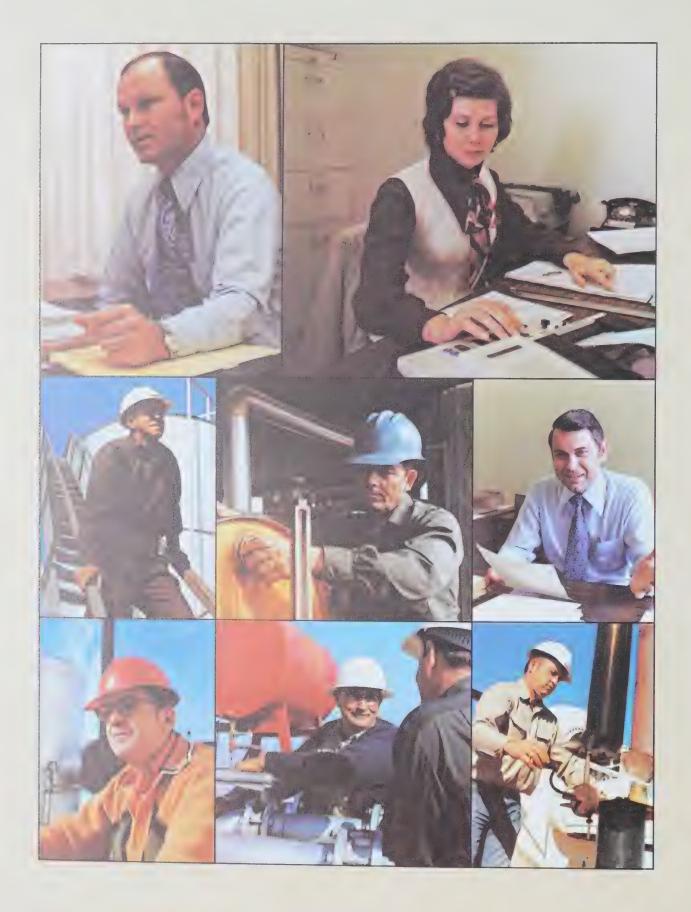
At the time of the merger it was recognized that many years would be required to obtain the greatest economic return on GCO's investment in



the surface acreage, which is best suited for industrial plant sites. Because of this time delay, emphasis was placed on an active participation in the agricultural business in order to increase profits through more intensive utilization of the surface. The implementation of this plan began shortly after the merger; and by the time the opportunity materialized to acquire South Texas Water Company, General Crude had developed a viable agricultural business.

The South Texas acquisition enabled the Company to increase its property holdings in the area by 44 percent and more than triple its rice growing capacity in one transaction. Also, the Company's rights for utilization of fresh water from the Brazos River were greatly increased as a result of the merger. During the past year, the Company's sales of 23.8 million pounds of rice yielded revenues of approximately \$3.3 million, or an average of  $13.7\phi$  a pound; in the preceding year sales revenue amounted to \$396,000, or 7.7¢ a pound. Aggregate revenues from agricultural activities in 1973, including income from chemicals, fertilizers, water and rice drying, amounted to \$4.6 million, or eight percent of the Company's consolidated gross income.

There were two contracts negotiated in 1973 regarding the possible disposition of certain of the lands on Chocolate Bayou. The Company sold a one-year option on 2,000 acres to a major chemical company for a plant site, and entered into an interim agreement with another large chemical company which may lead eventually to the construction of a jointly-owned refinery. The latter agreement provides that General Crude will reserve 20,000 acres of its land up to one year from January 1, 1974 for the possible selection of a 3,000-acre refinery site. In addition, GCO will make substantially all of its oil production and a certain part of its gas and water resources available for use in the refinery in the event a definitive agreement can be reached by the end of 1974.



# Personnel

By year end 1973 there were 367 persons employed by General Crude Oil Company, including 189 in production, 57 in exploration, 64 in agriculture, and 57 in administrative and service functions. This is an addition of 60 persons over last year, or an increase of approximately 20 percent. Most of the growth was in agricultural operations, reflecting the effects of the South Texas Water Company acquisition. There was also an increase in production employees because of greater utilization of Company personnel in well servicing operations in the West Newport field in California; and, as mentioned previously, exploration employees have been added because of expanded activities in the search for new supplies of oil and gas.

The South Texas Water Company was liquidated shortly after it was acquired and the employees were transferred to a division of General Crude Oil Company, which was formed for the purpose of conducting all agricultural operations. At the same time, the employees of Chocolate Bayou Land and Water Company, a wholly-owned subsidiary of GCO, were transferred to this newly created division. Chocolate Bayou Land and Water Company will be continued as a separate company; however, operations will be conducted by employees of GCO's agricultural division on a contractual arrangement.

The sustained growth of General Crude Oil Company has been accompanied by new challenges and opportunities for employees. This, coupled with a rapidly changing world, makes it imperative that employees continue to improve and expand their job skills. The Company has assisted in this endeavor in several ways, including the installation in 1973 of the American Petroleum Institute Profit Series of programmed learning courses. This curriculum of self-instructional courses was developed specifically for lease operators and other operating personnel.

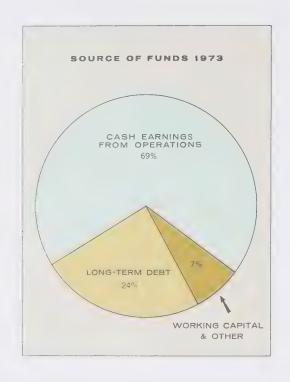
During the past year a pilot program of Management By Objectives (MBO) was initiated in the production division in an attempt to improve

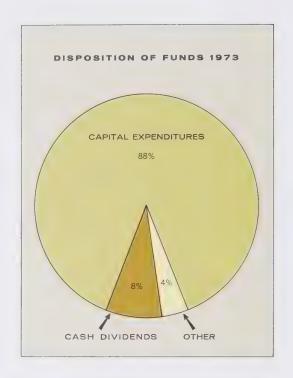
management effectiveness. MBO involves the determination of objectives and the establishment of a realistic program for their achievement. It also provides a basis for evaluating performance in relation to goals developed under the program. This process helps an individual to better understand what is expected of him and enables him to participate in the development of goals. After the operation of this program is reviewed and perfected, it may be extended to additional levels in the organization.

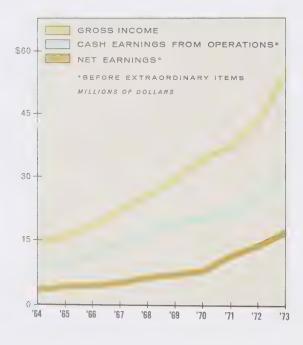
Programs offered by universities and other schools have been utilized to develop and perfect technical and managerial skills. Individual programs have varied in length from several days to as long as three months and have involved participation by members from substantially all departments of the Company. Moreover, employees who are furthering their education by attending schools on their own initiative during offduty hours have been assisted by defraying a part of the cost of tuition, books and other supplies.

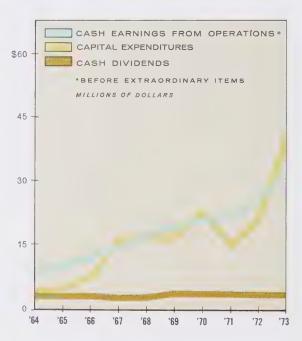
Employee compensation and benefit programs are reviewed frequently by the Industrial Relations Department, and managers of the divisions and departments to insure that General Crude Oil Company is competitive with the practices of other companies in the petroleum industry. Compensation and benefits are currently regulated by the federal government, and GCO is required to comply with guidelines established by the Cost of Living Council. These regulations, together with contractual arrangements for operations of certain properties, have restricted the Company's initiatives in this area. It is hoped that all governmental controls will be phased out completely during 1974.

During the last quarter of 1973 the Company headquarters in Houston were moved from the Bank of the Southwest Building to One Allen Center. The new quarters are on the twenty-sixth and twenty-seventh floors, with sufficient option space to provide an orderly accommodation of future growth.









# Financial

Gross income, net earnings, and capital outlays continued to increase and reached record high levels in 1973.

#### **GROSS INCOME**

Gross income amounted to \$54.2 million and was up 26 percent from 1972. Higher market prices and expanded agricultural operations were the principal reasons for the improvement. The relative size of various revenue components was as follows: liquid hydrocarbon sales, 77 percent; natural gas sales, 13 percent; agricultural income, eight percent; and interest and other income, two percent.

# **NET EARNINGS**

A large part of the increase in gross revenue was offset by higher dry hole costs, increased production expenses and greater provisions for income taxes. This resulted in net earnings of \$17 million, or \$1.75 a share, an improvement of approximately 20 percent over 1972.

# **CAPITAL EXPENDITURES**

Capital outlays amounted to \$40 million, including the \$11.2 million note issued by GCO in the South Texas Water Company purchase. Total consideration for this acquisition was \$15.3 million. Most of the other increase in expenditures was for intangible development and dry hole costs, which totaled \$12.5 million. Of this amount, \$4.8 million was applicable to productive wells and \$7.7 million was spent on dry holes. Expenditures for undeveloped leases and geophysical work were also up sharply, reflecting an increase of \$2.8 million, or 80 percent, over 1972.

#### WORKING CAPITAL

Despite the high level of capital expenditures in

1973, working capital at year end amounted to \$9 million and constituted 11 percent of the Company's total net assets. The ratio of current assets to current liabilities was 1.7 to 1. Cash and equivalent amounted to \$9.4 million at year end and included \$8.5 million in marketable short-term investments having a weighted-average yield of approximately nine percent.

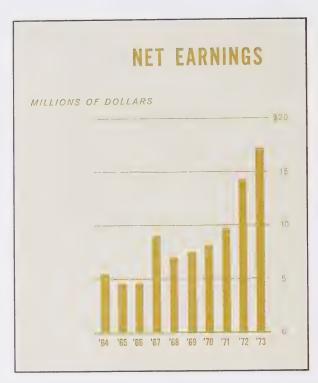
#### **SHAREOWNERS**

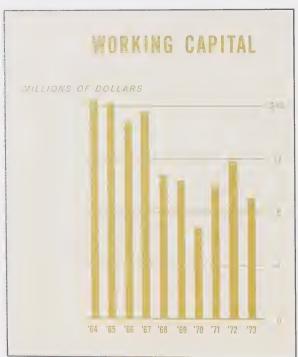
At year end, there were 1,749 owners of General Crude Oil Company common stock. During 1973, trading volume reflected by the National Securities Dealers Association's Automated Quotation Service was approximately 1.7 million shares, and the range in market value was from \$22.75 to \$42.75 a share.

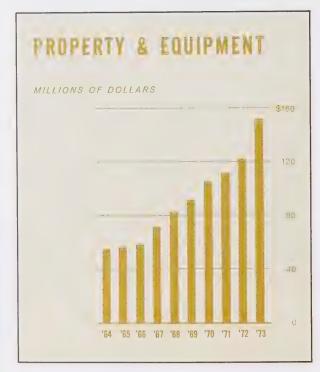
#### SECONDARY OFFERING

In January 1974, GCO and The Glenmede Trust Company announced plans for filing a registration statement with the Securities and Exchange Commission covering a secondary offering by Glenmede of approximately 500,000 shares of General Crude Oil Company common stock. The Glenmede Trust Company is trustee for The Pew Memorial Trust, which is a private charitable foundation. The Pew Memorial Trust owns 5,564,000 shares of the outstanding common stock, or about 57 percent ownership in the Company after giving effect to the future conversion of all of the outstanding convertible preferred stock. The proposed sale will reduce the foundation's ownership to approximately 52 percent. The offering will be made only by means of a prospectus, and terms of the offering have not yet been determined. General Crude Oil Company will, of course, receive none of the proceeds from the secondary offering.









# Consolidated Earnings

|  | Year Ended D  | ecember 31   |
|--|---------------|--------------|
|  | 1973          | 1972         |
| INCOME                                   |               |              |
| Liquid hydrocarbon sales                 | \$41,445,000  | \$36,198,000 |
| Natural gas sales                        | 6,912,000     | 5,030,000    |
| Agricultural sales                       | 4,608,000     | 824,000      |
| Interest and other income                | 1,276,000     | 866,000      |
| Total income                             | 54,241,000    | 42,918,000   |
| COSTS                                    |               |              |
| Production services and supplies         | 7,602,000     | 6,300,000    |
| Dry hole costs                           | 7,675,000     | 5,058,000    |
| Depreciation, depletion and amortization | 4,897,000     | 3,395,000    |
| Taxes other than income taxes (Note D)   | 3,453,000     | 2,766,000    |
| Exploration services and supplies        | 3,118,000     | 3,203,000    |
| Agricultural services and supplies       | 2,036,000     | 716,000      |
| Canceled and surrendered leases          | 1,782,000     | 3,229,000    |
| Lease rentals                            | 833,000       | 651,000      |
| General and administrative               | 680,000       | 645,000      |
| Development services and supplies        | 467,000       | 429,000      |
| Interest and other                       | 885,000       | 124,000      |
| Total costs                              | 33,428,000    | 26,516,000   |
| EARNINGS BEFORE INCOME TAXES             | 20,813,000    | 16,402,000   |
| Federal income taxes (Note D)            | 3,800,000     | 2,225,000    |
| NET EARNINGS                             | \$ 17,013,000 | \$14,177,000 |
| EARNINGS PER SHARE (Note B)              | \$1.75        | \$1.46       |

The accompanying notes are an integral part of these statements.

# Consolidated Financial Position

|  | Decemb                    | er 31  |
|--|---------------------------|--|
| ASSETS   | 1973                      | 1972   |
| CURRENT ASSETS   |                           |  |
| Cash   | \$ 955,000                | \$ 847,000                                       |
| Short-term investments (Note H)  | 8,469,000                 | 9,208,000  |
| Accounts and notes receivable  | 9,322,000                 | 6,061,000  |
| Inventories, at average cost   | 2,722,000                 | 843,000<br>1,610,000                             |
| Prepayments and deferred charges   | 806,000                   |  |
| Total current assets   | 22,274,000                | 18,569,000                                       |
| INVESTMENTS AND OTHER ASSETS   |                           | 4 40 4 000                                       |
| Securities investments (Note H)  | 2,406,000                 | 1,424,000  |
| Installment notes receivable (Note L)  | 612,000                   | 793,000  |
| Deferred federal income taxes (Note D)   | 324,000                   | 184,000  |
| Total investments and other assets   | 3,342,000                 | 2,401,000  |
| PROPERTY AND EQUIPMENT, at cost  |                           |  |
| Producing oil and gas properties   | 115,833,000               | 106,993,000                                      |
| Undeveloped properties   | 14,779,000                | 10,337,000                                       |
| Land, agricultural and other assets  | 21,495,000                | 5,438,000  |
| Less — accumulated depreciation and depletion .                                    | 152,107,000<br>69,286,000 | 122,768,000<br>65,231,000                        |
| Net property and equipment   | 82,821,000                | 57,537,000                                       |
| That property and equipment  | \$108,437,000             | \$78,507,000                                     |
|  | <u> </u>                  | ψ70,307,000<br>————————————————————————————————— |
| LIABILITIES AND SHAREOWNERS' EQUITY  |                           |  |
| CURRENT LIABILITIES  |                           |  |
| Accounts payable and accrued liabilities   | \$ 8,106,000              | \$ 4,947,000                                     |
| Accrued federal income taxes (Note D)  | 3,636,000                 | 485,000  |
| Long-term debt due within one year   | 1,404,000                 | 1,422,000  |
| Total current liabilities  | 13,146,000                | 6,854,000  |
| LONG-TERM DEBT (Note G),   | 12,475,000                | 2,114,000  |
| DEFERRED GAIN, installment sale (Note L)   | 734,000                   | 965,000  |
| SHAREOWNERS' EQUITY  |                           |  |
| Preferred stock — stated value \$3.20 a share; au-                                 |                           |  |
| thorized 285,000 shares, issued 224,443 shares (234,298 in 1972) ( <i>Note C</i> ) | 718,000                   | 750,000  |
| Common stock — par value \$.80 a share, author-                                    | 7.10,000                  | 750,000  |
| ized 15,000,000 shares, issued 9,153,188 shares                                    |                           |  |
| (9,113,768 in 1972)  | 7,323,000                 | 7,291,000  |
| Capital in excess of par or stated value   | 19,189,000                | 19,133,000                                       |
| Retained earnings  | 58,128,000                | 44,695,000                                       |
| Less — cost of 337,086 shares (339,051 in 1972)                                    | 85,358,000                | 71,869,000                                       |
| of common stock in treasury  | 3,276,000                 | 3,295,000  |
| Total shareowners' equity  | 82,082,000                | 68,574,000                                       |
|  | \$108,437,000             | \$78,507,000                                     |
|  |                           |  |

# Consolidated Changes in Financial Position

| Year Ended December 31 | Year | Ended | December | 31 |
|------------------------|------|-------|----------|----|
|------------------------|------|-------|----------|----|

|   | I car Lhaca L | recention 51 |
|---|---------------|--------------|
|   | 1973          | 1972         |
| FINANCIAL RESOURCES WERE PROVIDED BY                |               |              |
| Operations  |               |              |
| Net earnings  | \$17,013,000  | \$14,177,000 |
| Dry hole costs                                      | 7,675,000     | 5,058,000    |
| Depreciation, depletion and amortization            | 4,897,000     | 3,395,000    |
| Canceled and surrendered leases                     | 1,782,000     | 3,229,000    |
| Deferred federal income taxes                       | (140,000)     | 401,000      |
| Total   | 31,227,000    | 26,260,000   |
| Additions to long-term debt                         | 10,775,000    | _            |
| Book value of assets sold                           | 592,000       | 484,000      |
| Other sources                                       | 16,000        | 369,000      |
|   | 42,610,000    | 27,113,000   |
| FINANCIAL RESOURCES WERE APPLIED TO                 |               |              |
| Capital expenditures                                |               |              |
| Land acquisitions                                   | 13,303,000    |              |
| Intangible development and dry hole costs           | 12,493,000    | 9,742,000    |
| Undeveloped lease and mineral rights                | 6,283,000     | 3,485,000    |
| Lease and well equipment                            | 4,726,000     | 5,413,000    |
| Agricultural and other assets                       | 3,198,000     | 1,747,000    |
| Total   | 40,003,000    | 20,387,000   |
| Cash dividends                                      | 3,580,000     | 3,609,000    |
| Purchase of securities                              | 1,200,000     |              |
| Retirement of long-term debt                        | 414,000       | 1,278,000    |
|   | 45,197,000    | 25,274,000   |
| WORKING CAPITAL (DECREASED) INCREASED               | \$(2,587,000) | \$ 1,839,000 |
|   |               |              |
| WORKING CAPITAL AT BEGINNING OF YEAR .              | \$11,715,000  | \$ 9,876,000 |
| Cash and equivalent (decreased)                     | (631,000)     | (12,000)     |
| Receivables increased                               | 3,261,000     | 1,620,000    |
| Prepayments (decreased) increased                   | (804,000)     | 1,610,000    |
| Inventories increased (decreased)                   | 1,879,000     | (244,000)    |
| decreased   | (3,151,000)   | 559,000      |
| Other payables and accrued liabilities (increased). | (3,141,000)   | (1,694,000)  |
| Total (decrease) increase                           | (2,587,000)   | 1,839,000    |
| WORKING CAPITAL AT END OF YEAR                      | \$9,128,000   | \$11,715,000 |
|   |               |              |

The accompanying notes are an integral part of these statements.

# Consolidated Changes in Shareowners' Equity

|                            | Preferred<br>Stock | Common<br>Stock | Capital in<br>Excess of<br>Par or<br>Stated Value | Retained<br>Earnings | Common<br>Stock<br>Held in<br>Treasury |
|----------------------------|--------------------|-----------------|---|----------------------|--|
| DECEMBER 31, 1971          | \$787,000          | \$7,254,000     | \$19,030,000                                      | \$34,127,000         | \$3,351,000                            |
| Net earnings               | _                  | _               | _   | 14,177,000           | _                                      |
| Cash dividends — Common    |                    | _               | _   | (2,626,000)          |  |
| — Preferred                | _                  | _               |   | (983,000)            | _                                      |
| Preferred converted (1)    | (37,000)           | 37,000          |   | _                    | _                                      |
| Sales to employee plan (2) |                    |                 | 103,000   |                      | (56,000)                               |
| DECEMBER 31, 1972          | 750,000            | 7,291,000       | 19,133,000  | 44,695,000           | 3,295,000                              |
| Net earnings               | termed             | _               |   | 17,013,000           | _                                      |
| Cash dividends — Common    |                    |                 | -   | (2,640,000)          | —                                      |
| — Preferred                |                    | _               |   | (940,000)            | —                                      |
| Preferred converted (1)    | (32,000)           | 32,000          |   |                      | -                                      |
| Sales to employee plan (2) |                    |                 | 56,000  |                      | (19,000)                               |
| DECEMBER 31, 1973          | \$718,000          | \$7,323,000     | \$19,189,000                                      | \$58,128,000         | \$3,276,000                            |

- (1) Conversion of 11,610 preferred shares into 46,440 common shares in 1972 and conversion of 9,855 preferred shares into 39,420 common shares in 1973.
- (2) Sale of 5,707 common shares held in treasury in 1972 and sale of 1,965 common shares held in treasury in 1973.

# Report of Independent Accountants

# TO THE SHAREOWNERS

# General Crude Oil Company

We have examined the statement of consolidated financial position of General Crude Oil Company and subsidiaries as of December 31, 1973 and December 31, 1972 and the related statements of consolidated earnings, changes in shareowners' equity, and changes in financial position for the years then ended. Our examinations were made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the aforementioned financial statements present fairly the consolidated financial position of General Crude Oil Company and subsidiaries at December 31, 1973 and December 31, 1972, and the consolidated results of their operations, changes in shareowners' equity, and changes in financial position for the years then ended in conformity with generally accepted accounting principles applied on a consistent basis,

Houston, Texas February 7, 1974 Ernst & Ernst

# Notes to Consolidated Financial Statements

# NOTE A — Summary of significant accounting policies

# Principles of consolidation

The accounts of General Crude Oil Company and its subsidiaries, each of which is wholly owned, are included in the consolidated financial statements after elimination of intercompany accounts and transactions.

# Translation of foreign currencies

Foreign currency amounts are translated to U.S. dollars on the following bases: property and equipment at the exchange rates at the date of acquisition; current assets and liabilities at yearend rates; depreciation and depletion at the rates applicable to the related assets; and other expense and income items at average monthly exchange rates. Translation adjustments, which are not material in amount, are reflected in earnings as they occur.

# Exploration and development costs

Costs of drilling and completing productive wells are capitalized and costs of dry holes are charged to expense. Unrecoverable costs incurred on exploratory wells in progress at the end of an accounting period are charged to dry hole expense, and costs incurred on development wells in progress are capitalized. Adjustments necessary to conform this practice to the basic policy of capitalizing productive well costs and expensing dry hole costs are recorded in the period in which well results are determined.

The costs of acquiring undeveloped mineral properties are capitalized. Geophysical expenditures on properties located in the United States and Canada are added to leasehold costs if they lead directly to the acquisition of properties or enhance the exploration prospects of properties previously acquired. Other geophysical expenditures, lease rentals and initial prospecting costs for minerals other than oil and gas are expensed. Costs of undeveloped mineral properties which do not become productive are carried in the accounts until the properties are condemned, surrendered or otherwise disposed of, at which time they are charged to expense.

# Depreciation, depletion and amortization

Depreciation is computed by the unit-of-production method for lease and well equipment and by the straight-line method for other depreciable assets. Producing leasehold costs and the intangible costs of productive wells are depleted by the unit-of-production method. Productive properties located onshore are treated as individual depletion units; however, the offshore properties are grouped by the federal lease sale in which acquired. Investments in rice growing allotments are being amortized over a five-year period commencing in 1973.

# Production payments

The Company has purchased certain producing mineral properties on which production payments are outstanding. Sales revenues applied to the retirement of these production payments are excluded from income.

#### Investment tax credits

The accounting for investment tax credits is based on the "flow-through" method, in which credits are reflected in earnings of the period during which credits are applied against federal income taxes.

# Reclassification

The original 1972 presentations of consolidated earnings and consolidated changes in financial position have been reclassified for comparability.

# NOTE B — Earnings per share

Earnings per share are based on the weighted average number of common shares and common share equivalents of convertible preferred shares outstanding during the year. The number of shares upon which per share computations were based amounted to 9,713,001 shares and 9,708,274 shares in 1973 and 1972, respectively.

#### NOTE C - Preferred Stock

The preferred stock was issued in 1968 and is entitled to cumulative cash dividends at the rate of \$4.12 per share per annum. Each preferred share is convertible at any time into four shares

of General Crude common. Shares of preferred are redeemable at the option of the Company at any time after the seventh anniversary of their issuance at \$80 per share. The redemption price will decrease by 75 cents per share on each succeeding anniversary until the fourteenth anniversary, at which time the redemption price will decrease by 50 cents per share, so that shares will be redeemable at \$75 per share on and after their fourteenth anniversary. Preferred shares have a \$75 per share preference in liquidation, aggregating \$16.8 million on shares outstanding at December 31, 1973. Each preferred share is entitled to one vote upon all matters submitted to a vote of shareowners.

## NOTE D - Income and other taxes

Tax expense consisted of the following:

|                              | 1973                     | 1972                   |
|------------------------------|--------------------------|------------------------|
| Federal income taxes:        |                          |                        |
| Current Deferred             | \$3,940,000<br>(140,000) | \$1,824,000<br>401,000 |
| Subtotal                     | 3,800,000                | 2,225,000              |
| Production taxes             | 2,011,000                | 1,780,000              |
| Ad valorem taxes             | 1,052,000                | 977,000                |
| Franchise taxes:             |                          |                        |
| Current Refund — prior years | 132,000                  | 106,000<br>(315,000)   |
| Payroll and other            | 258,000                  | 218,000                |
| Subtotal                     | 3,453,000                | 2,766,000              |
| Total                        | \$7,253,000              | \$4,991,000            |
|                              |                          |                        |

Federal income tax returns have been examined through December 31, 1970 and all deficiencies have been paid. Differences exist between certain accounting policies and related provisions included in the federal tax statutes. The amounts by which these differences and other factors cause income tax expense to differ from an amount computed by applying the standard U.S. income tax rate of 48 percent to financial earnings before federal income taxes are set forth in the following reconciliation:

|   | 1973                   | 1972        |
|---|------------------------|-------------|
| Federal income tax at statutory rate                                      | \$9,990,000            | \$7,873,000 |
| Tax effects of: Statutory depletion in excess of financial cost depletion | (3,643,000)            | (2,913,000) |
| Intangible drilling costs of productive wells expensed for tax purpose    | (2,019,000)            | (2,111,000) |
| Investment tax credits Other  | (360,000)<br>(168,000) |             |
| Federal income tax expense  | \$3,800,000            | \$2,225,000 |

# NOTE E — Employee retirement plan

The Company has a funded retirement plan covering the majority of its employees. Pension expense was \$550,000 in 1973 and \$521,000 in 1972, including amortization of past service cost over a 30-year period. The value of pension fund assets on December 31, 1973 was substantially equal to the actuarially computed value of vested benefits under the plan as of the last evaluation date.

# NOTE F - Stock option plan

On April 18, 1973, the shareowners approved a plan which provides that employees of the Company and its subsidiaries may be granted options to purchase shares of the Company's common stock during the ten year period following the date of the plans adoption. Grants may be made in the form of qualified or nonqualified options. Exercise periods are limited to five years for qualified options and ten years for non-qualified options. A committee appointed by the Board of Directors makes awards under the plan and, subject to the foregoing limitations, sets the periods during which options may be exercised. Options may not be granted to purchase at a price below the market price on the date granted. Non-qualified options to purchase 71,000 shares at \$38.00 each have been granted and are outstanding. Options granted to date will expire on April 17, 1983 if not previously exercised. There are currently 404,000 shares available for grant under the plan.

# NOTE G - Long-term debt

Long-term debt due more than one year from December 31, 1973 and 1972 consisted of the following:

| Installment notes . | \$10,607,000 | \$ 45,000   |
|---------------------|--------------|-------------|
| Gas development     |              |             |
| advances            | 1,868,000    | 2,069,000   |
| Total               | \$12,475,000 | \$2,114,000 |
|                     |              |             |

Installment notes on December 31, 1973 included the non-current portion (\$10.2 million) of a note which was issued as partial consideration in the acquisition described in Note J. This note is secured only by the assets acquired, bears interest at one-half percent above the prime rate, and is payable in twelve annual installments beginning March 15, 1974. The gas development advances were received under agreements dedicating natural gas reserves from certain offshore properties to sales contracts and are non-interest bearing. The agreements establish minimum and maximum amounts to be repaid annually by gas deliveries or cash payments and require full repayment by 1978.

#### NOTE H — Investments

Securities investments are reflected in the accompanying financial statements at cost or, in the case of certain investments made prior to December 31, 1971, at cost less reserves established in recognition of declines in market values. Aggregate market values exceeded carried values on December 31, 1973 and December 31, 1972.

Current short-term investments are carried at cost which approximates market.

# NOTE I — Interim agreement

On December 12, 1973, the Company executed an interim agreement with a chemical company pursuant to which the parties will undertake to negotiate a definitive agreement for the construction of a jointly-owned refinery. The agreement provides that General Crude will not make long-term commitments for the sale or use of certain of its crude oil, natural gas and water supplies and that these supplies will be available for use in the proposed refinery pursuant to the terms of the definitive agreement. It also pro-

vides that General Crude will reserve a tract of land on Chocolate Bayou in Brazoria County, Texas pending selection of a plant site. In consideration, General Crude will be paid \$1.0 million monthly, commencing January 1, 1974 and ending December 31, 1974, unless a definitive agreement is executed at an earlier date or the interim agreement is canceled. The agreement is contingent upon a favorable ruling from the Federal Energy Office and may be canceled by either party if a favorable ruling is not obtained. The other party may terminate the agreement at any time on sixty days notice.

# NOTE J — Acquisition

On March 15, 1973, the Company acquired all of the outstanding capital stock of the South Texas Water Company and certain other assets owned by its stockholders individually or in partnership in a transaction treated as a purchase. Consideration for these properties was \$4.1 million in cash and a note for \$11.2 million. the terms of which are described in Note G. Principal assets acquired were land, mineral rights, water rights and agricultural assets which the South Texas group employed in rice farming and related activities. These activities were conducted by General Crude from the date of acquisition and the results are reflected in the accompanying financial statements. Results reported for the year 1972 would not be materially changed by inclusion of the purchased business as though it had been acquired at the beginning of 1972.

# NOTE K - Foreign net assets

Foreign net assets included in the statement of consolidated financial position totaled \$8.1 million on December 31, 1973 and \$7.0 million on December 31, 1972. These amounts include Canadian net assets totaling \$6.5 million and \$6.3 million, respectively.

# **NOTE L** — Contingency

The Federal Power Commission has issued an order which would require the Company to refund a part of the proceeds received from a 1959 installment sale of gas properties. The order has been appealed and its final effects are not presently determinable; however, the Company believes that any refund, if required, would not have a material impact on its financial position.



# GENERAL CRUDE OIL COMPANY

# Consolidated



|                 |  | 1973     |
|-----------------|--|----------|
|                 | Liquid hydrocarbon sales — thousands                 | \$41,445 |
|                 | Natural gas sales                                    | 6,912    |
| GROSS           | Agricultural sales                                   | 4,608    |
| INCOME          | Interest and other                                   | 1.276    |
|                 | Gross income — thousands                             | \$54.241 |
|                 | Gross meome — mousands                               | 334.441  |
| Ass. Sept. Sep. |  |          |
|                 | Earnings before extraordinary items — thousands      | \$17.013 |
|                 | Per share (1)  | 1.75     |
| EARNINGS        | Net earnings — thousands                             | 17.013   |
| E A R R R R G G | Per share 1  | 1.75     |
|                 | Return on gross income                               | 31%      |
|                 | Return on shareowners' equity                        | 21%      |
| £ 000-400       |  |          |
|                 | Cash dividends on preferred — thousands              | \$ 940   |
|                 | Cash dividends on common — thousands                 | 2.640    |
| DIVIDENDO       | Stock ún dends                                       | _        |
| DIVIDENDS       | Average common shares outstanding (adjusted) —ths.   | 8.798    |
| AND             | Average preferred shares outstanding — thousands (2) | 229      |
| STOCK DATA      | Number of shareowners — common                       | 1, 49    |
|                 | Market value per common share at year end (adjusted) | \$ 40.88 |
|                 | na.  |          |
|                 | Working capital — thousands                          | \$ 9.128 |
|                 | Net property, equipment and other                    | 72.954   |
| ASSETS          | Total net assets — thousands                         | \$82,082 |
|                 | Working capital as a percent of total net assets     | 11%      |
|                 | Ratio of current assets to current liabilities       | 1.7      |
|                 |  |          |
|                 | Land acquisitions — thousands                        | \$13.303 |
|                 | Undeveloped leases and mineral rights                | 6.283    |
|                 | Intangible development and dry hole costs            | 12.493   |
| CAPITAL         | Lease and well equipment                             | 4.726    |
| EXPENDITURES    | Producing property acquisitions                      |          |
|                 | Agricultural and other assets                        | 3,198    |
|                 | Total — thousands                                    | \$40,003 |
|                 | Total per dollar of gross income                     | .74      |
|                 |  |          |
| EXPLORATION     | Exploration expenditures — thousands                 | \$17,719 |
| AND             | Development expenditures                             | 10.201   |
| DEVELOPMENT     | Total — thousands                                    | \$27.920 |
| EXPENDITURES    | Total per dollar of gross income                     | .51      |
|                 | and the group appears to                             | ** I     |
|                 |  |          |

<sup>(1)</sup> See Note B of the financial statements.

<sup>(2)</sup> Preferred shares issued in 1968 merger.

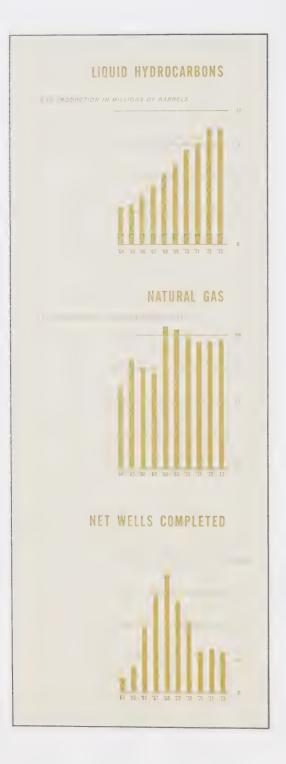
# Financial Statistics

| 1972   | 1971  | 1970   | 1969  | 1968   | 1967  | 1966  | 1965  | 1964   |
|--|---|--|---|--|---|---|---|--|
| \$36,198<br>5,030<br>824   | \$30,783<br>4,793<br>1,079  | \$27,894<br>4,702<br>635   | \$22,612<br>4,825<br>497  | \$19,748<br>4,950  | \$16,698<br>3,246   | \$12,891<br>3,484   | \$10,640<br>4,034   | \$10,181<br>2,781  |
| 866<br>\$42,918  | \$885   | 1,075<br>\$34,306  | 1,664<br>\$29,598   | 1,265<br>\$25,963  | 1,548<br>\$21,492   | 1,273<br>\$17,648   | 1,254<br>\$15,928   | 1,389<br><b>\$14,3</b> 51                                    |
| \$14,177<br>1.46<br>14,177<br>1.46<br>33%<br>21%                 | \$11,725<br>1.23<br>9,725<br>1.00<br>26%<br>17%                   | \$ 8,040<br>.80<br>8,040<br>.80<br>23%<br>1 16%                    | \$ 7,408<br>.72<br>7,408<br>.72<br>25%<br>15%                       | \$ 6,562<br>.63<br>6,919<br>.67<br>27%                             | \$ 5,255<br>.47<br>8,981<br>.90<br>42%<br>22%                       | \$ 4,452<br>.38<br>4,452<br>.38<br>25%<br>13%                 | \$ 4,553<br>.39<br>4,553<br>.39<br>29%<br>14%               | \$ 3,924<br>.31<br>5,386<br>.48<br>38%<br>16%                |
| \$ 983<br>2,626<br>—<br>8.752<br>239<br>1,604<br>\$ 36.25        | \$ 1,076<br>2,598<br>—<br>8,659<br>261<br>1,479<br>\$ 24.62       | \$ 1,170<br>2,578<br>—<br>8,593<br>284<br>1,527<br>\$ 17.31        | \$ 1,170<br>2,491<br><br>8,662<br>284<br>1,519<br>\$ 18.00          | 2,947<br>————————————————————————————————————                      | \$ —<br>2,889<br>—<br>8,656<br>—<br>1,491<br>\$ 15.25               | \$ — 3,120 10% 8,652 — 1,479 \$ 7.63                          | \$ —<br>3,066<br>—<br>8,680<br>—<br>1,505<br>\$ 8.64        | \$ —<br>3,595<br>—<br>8,880<br>—<br>1,546<br>\$ 8.07         |
| \$11,715<br>56.859<br>\$68,574<br>17%<br>2.7                     | \$ 9.876  | \$ 6,670<br>45.023<br>\$51,693<br>13%<br>1.6                       | \$10,608<br>37,985<br>\$48,593<br>22%<br>3.6                        | \$10.889<br>  33.750<br>  \$44,639<br>  24%<br>  3.1               | \$15,668<br>25.229<br>\$40,897<br>38%<br>4.9                        | \$14,823<br>19,948<br>\$34,771<br>43%<br>9.0                  | \$16,254<br>  17,329<br>  \$33,583<br>  48%<br>  10.5       | \$16,528<br>  17.283<br>  \$33,811<br>  49%<br>  13.1        |
| \$ —<br>3,485<br>9,742<br>5,413<br>—<br>1,747<br>\$20,387<br>.48 | \$ 15<br>4,559<br>6,433<br>3,485<br>921<br>325<br>\$15,738<br>.42 | \$ 148<br>8,998<br>8,046<br>4,560<br>298<br>547<br>\$22,597<br>.66 | \$ 66<br>2,659<br>8,211<br>3,285<br>530<br>1,592<br>\$16,343<br>.55 | \$ —<br>3,092<br>7,157<br>4,120<br>1,768<br>863<br>\$17,000<br>.65 | \$ 37<br>6,490<br>4,934<br>2.021<br>2,763<br>145<br>\$16,390<br>.76 | \$ 6<br>1,498<br>4,206<br>1,368<br><br>352<br>\$ 7,430<br>.42 | \$ —<br>1,602<br>2,647<br>589<br>—<br>85<br>\$ 4,923<br>.31 | \$ 77<br>1,708<br>2,345<br>517<br>—<br>33<br>\$ 4,680<br>.33 |
| \$13,883<br>9.040<br>\$22,923<br>.53                             | \$11,753<br>6.446<br>\$18,199<br>.48                              | \$15,684<br>9,095<br>\$24,779<br>.72                               | \$ 9,372<br>7,476<br>\$16,848<br>.57                                | \$ 8,446<br>8,148<br>\$16,594<br>.64                               | \$10,445<br>5,057<br>\$15,502<br>.72                                | \$ 5,515<br>3,522<br>\$ 9,037<br>.51                          | \$ 5,093<br>1,667<br>\$ 6,760<br>.42                        | \$ 4,595<br>1,914<br>\$ 6,509<br>.45                         |









| LIQUID<br>HYDROCARBON<br>PRODUCTION | Volume — thousand barrels  Company operated leases — gross  Other owners' share — gross  Company operated leases — net  Outside operated leases — net  Total net production  Net production per day  Average value per barrel  Market demand factor — Texas   | 1973<br>21,144<br>(13,632)<br>7,512<br>3,032<br>10,544<br>28.9<br>\$3.93<br>100.0%           |
|-------------------------------------|---|--|
| NATURAL<br>GAS<br>PRODUCTION        | Volume — MMCF  Company operated leases — gross  Other owners' share — gross  Company operated leases — net  Outside operated leases — net  Total net production  Net production per day  Average value per Mcf  | 24,937<br>(13,754)<br>11,183<br>15,863<br>27,046<br>74.1<br>22.4¢                            |
| WELLS<br>COMPLETED                  | Gross exploratory wells completed  Gross development wells completed  Total gross wells completed  Net exploratory wells completed  Total net wells completed  Exploratory wells as percent of total  Percent of exploratory wells productive  Net oil wells completed  Net gas wells completed  Net dry holes completed  Average number rigs operating—net  Net exploratory footage—thousands  Total net footage drilled—thousands | 32<br>83<br>115<br>24<br>25<br>49<br>49%<br>16%<br>17<br>8<br>24<br>4.2<br>243<br>125<br>368 |
| OTHER<br>DATA                       | Net wells owned  Exploration holdings — thousand net acres  Number of employees   | 1,135<br>5,765<br>367  |

# Operating Statistics

| 1972     | 1971     | 1970     | 1969     | 1968     | 1967    | 1966     | 1965     | 1964    |
|----------|----------|----------|----------|----------|---------|----------|----------|---------|
| 21,965   | 16,223   | 15,426   | 11,995   | 10,778   | 9,478   | 7,562    | 6,328    | 5,969   |
| (14,514) | (10,375) | (9,242)  | (6,699)  | (5,869)  | (5,262) | (4,241)  | (3,649)  | (3,410) |
| 7,451    | 5,848    | 6,184    | 5,296    | 4,909    | 4,216   | 3,321    | 2,679    | 2,559   |
| 3,136    | 3,143    | 2,420    | 1,815    | 1,439    | 1,152   | 849      | 790      | 771     |
| 10,587   | 8,991    | 8,604    | 7,111    | 6,348    | 5,368   | 4,170    | 3,469    | 3,330   |
| 28.9     | 24.6     | 23.6     | 19.5     | 17.3     | 14.7    | 11.4     | 9.5      | 9.1     |
| \$3.42   | \$3.43   | \$3.24   | \$3.18   | \$3.11   | \$3.11  | \$3.09   | \$3.07   | \$3.06  |
| 94.1%    | 72.5%    | 71.6%    | 52.4%    | 44.9%    | 40.7%   | 33.8%    | 28.8%    | 28.2%   |
| 29,298   | 28,626   | 35,298   | 34,645   | 35,980   | 20,822  | 24,081   | 24,657   | 10,183  |
| (16,806) | (15,055) | (18,268) | (15,511) | (15,074) | (8,326) | (10,460) | (11,231) | (2,592) |
| 12,492   | 13,571   | 17,030   | 19,134   | 20,906   | 12,496  | 13,621   | 13,426   | 7,591   |
| 13,929   | 13,010   | 10,612   | 9,911    | 8,984    | 7,523   | 7,450    | 9,491    | 9,300   |
| 26,421   | 26,581   | 27,642   | 29,045   | 29,890   | 20,019  | 21,071   | 22,917   | 16,891  |
| 72.2     | 72.8     | 75.7     | 79.6     | 81.7     | 54.8    | 57.7     | 62.8     | 46.2    |
| 18.5¢    | 17.2¢    | 16.3¢    | 15.5¢    | 15.3¢    | 14.7¢   | 14.4¢    | 14.3¢    | 14.2¢   |
| 28       | 42       | 26       | 36       | 30       | 45      | 62       | 45       | 37      |
| 107      | 83       | 140      | 142      | 163      | 119     | _59      | 24       | 13      |
| 135      | 125      | 166      | 178      | 193      | 164     | 121      | 69       | 50      |
| 11       | 19       | 13       | 13       | 12       | 17      | 28       | 21       | 11      |
| 42       | 31       | 72       | 98       | 129      | 100     | 50       | 10       | 5       |
| 53       | 50       | 85       | 111      | 141      | 117     | 78       | 31       | 16      |
| 21%      | 38%      | 15%      | 12%      | 9%       | 15%     | 36%      | 68%      | 69%     |
| 45%      | 11%      | 17%      | 19%      | 28%      | 23%     | 17%      | 13%      | 27%     |
| 32       | 23       | 54       | 84       | 104      | 83      | 42       | 4        | 1       |
| 8        | 1        | 3        | 3        | 9        | 10      | 2        | 4        | 6       |
| 13       | 26       | 28       | 24       | 28       | 24      | 34       | 23       | 9       |
| 3.4      | 2.6      | 4.4      | 4.1      | 4.2      | 3.3     | 3.4      | 2.4      | 1.7     |
| 130      | 141      | 134      | 128      | 128      | 108     | 167      | 156      | 83      |
| 174      | 158      | 326      | 329      | 452      | 366     | 231      | 74       | 63      |
| 304      | 299      | 460      | 457      | 580      | 474     | 398      | 230      | 146     |
| 1,095    | 1,073    | 1,060    | 920      | 788      | 686     | 498      | 466      | 460     |
| 6,145    | 6,018    | 3,562    | 3,310    | 3,141    | 2,429   | 2,678    | 1,145    | 1,186   |
| 307      | 311      | 247      | 234      | 199      | 194     | 189      | 184      | 183     |



#### Directors

J. E. ATTWELL Partner Vinson, Elkins, Searls, Connally & Smith Houston

W. P. BARNARD Vice President and Treasurer General Crude Oil Company Houston

A. R. Bell, Jr.

President
The Glenmede Trust Company
Philadelphia

J. W. CUTBIRTH
Executive Vice President
General Crude Oil Company
Houston

T. W. GREGORY, JR. Investments
Houston

F. A. HUNTER
Vice President
General Crude Oil Company
Houston

K. E. Montague President General Crude Oil Company Houston

J. N. PEW, III
Vice President
The Glenmede Trust Company
Philadelphia

W. M. STREETMAN
Partner
Andrews, Kurth, Campbell & Jones
Houston

J. C. WESSENDORFF
Ranching and Investments
Richmond, Texas

C. E. WOODRUFF Vice Chairman of the Board
Manufacturers Hanover Trust Company
New York City

# Officers

K. E. MONTAGUE President

J. W. CUTBIRTH
Executive Vice President

F. A. HUNTER Vice President, Production

G. E. Gotschall Vice President, Land Management E. B. McConnell, Jr. Vice President, Exploration

W. P. BARNARD
Vice President and Treasurer

O. M. HAGLER Secretary

F. A. EUDY
Assistant Secretary

H. R. Fox, Jr.

Assistant Treasurer

# Principal Offices

Home Office
Houston, Texas 77002 — 2600 One Allen Center Building

Production

Dayton, Texas 77535 — Route 2, Box 111

Snyder, Texas 79549 — Drawer P

Newport Beach, California 92663 — Box 1487

Exploration

Calgary, Alberta, Canada T2P OM2 — 640 Aquitaine Tower Denver, Colorado 80202 — 1650 Colorado State Bank Building London, England — 77 South Audley

Agricultural
Alvin, Texas 77511 — Box 1305

## Subsidiaries

General Crude Oil Company, Alberta, Ltd.
Chocolate Bayou Land and Water Company
General Crude Oil Company, International, Ltd.
General Crude Oil & Minerals Company, S. A.
General Crude Oil Company, Northern, Ltd.
General Oil Company of California
General Crude Oil (U.K.) Incorporated

NASDAQ Symbol GCRD

Transfer Agents

Bank of the Southwest Houston Montreal Trust Company Calgary

Attorneys

Andrews, Kurth, Campbell & Jones Houston

Auditors

Ernst & Ernst Houston

ANNUAL MEETING The annual meeting of shareowners will be held at the Hyatt Regency Hotel, Houston, Texas on April 17, 1974. Notice of the meeting, together with a proxy statement and a form of proxy, will be mailed to each shareowner about March 22, 1974.

